



ATTORNEY'S DOCKET NUMBER: 2001180-0051 (HU 1588-98)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shair *et al.* Examiner: Tran, M.-C. T.
Serial No.: 10/091,240 Art Unit: 1639
Filed: March 5, 2002
For: SYSTEM FOR DETECTING REPORTER GENE EXPRESSION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE TO RESTRICTION/ELECTION REQUIREMENT


In the Notice mailed May 4, 2004, the Examiner has requested that the Applicant elect a specific "test compound" and provide the structure of the linkage between the molecular sensor and the solid support.

Applicant elects taxol as a species of "test compound." Taxol is listed as an example of a small molecule on page 9, line 15 of the Specification.

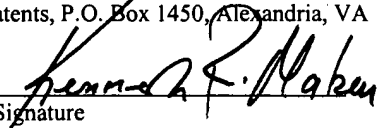
In regard to the linkage between the molecular sensor and the solid support, the sensor is attached to the solid support via an amide bond. Figure 4 illustrates the attachment of a fluorescein-based NO sensor to a TENTAGEL bead through an amide lineage, and the Examiner may use this structure for examination purposes.

Applicant thanks the Examiner for careful consideration of this case. Please charge any fees that may be associated with this matter, or credit any overpayments, to our Deposit Account No. 03-1721.

Respectfully submitted,


C. Hunter Baker, M.D., Ph.D.
Registration Number: 46,533

Choate, Hall & Stewart
Exchange Place
53 State Street
Boston, MA 02109
Tel: (617) 248-5000
Date: June 4, 2004

Certificate of Mailing	
I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
June 4, 2004	
Date	Signature
Kenneth R. Maben	
Typed or Printed Name of person signing certificate	



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TRANSMITTAL

Enclosed please find the following:

1. Response to Restriction/Election Requirement; and
2. Return Postcard.

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully submitted,

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